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CLAIMS

What is claimed is:

1. A pile fabric composed of a ground structure portion having a knitted or woven structure comprising organic fiber yarns and a cut pile portion comprising polyester-based yarns, characterized in that the height of the cut pile portion is gradually reduced to form inclined portions having inclination angles of 0.5 to 10 degree, respectively, in one or more partial regions of the above-mentioned cut pile portion.
2. The pile fabric according to Claim 1, wherein two or more kinds of cut piles having mutually different brightness and / or mutually different hues are contained in the above-mentioned cut pile portion to gradually change the color along the slopes of the inclined portions.
3. The pile fabric according to Claim 1, wherein a depth difference between the maximum cut pile portion height and the minimum cut pile portion height in each of the above-mentioned inclined portions is in a range of 0.6 to 1.0 mm.
4. The pile fabric according to Claim 1, wherein a pattern is formed with a plurality of the inclined portions.
5. The pile fabric according to Claim 1, wherein the number of fine concaves having areas of not less than 0.05 mm² is not more than 120 fine concaves / cm² in the maximum cut pile portion height side 40 % region of each of the above-mentioned inclined portions.
6. The pile fabric according to Claim 5, wherein the total area of the fine concaves having areas of not less than 0.05 mm² in the maximum cut pile portion height side 40 % region of each of the above-mentioned inclined portions is not more than 20 % based on the total area of the above-mentioned 40 % region.
7. The pile fabric according to Claim 1, wherein color printing is applied.
8. A method for producing a pile fabric, characterized by partially removing a cut pile portion of a pile fabric composed of a ground structure portion having a knitted or woven structure comprising organic fiber yarns and a cut pile portion comprising polyester-based yarns, by a chemical etching method, to gradually reduce the height of the cut pile portion,

thereby forming inclined portions having inclination angles of 0.5 to 10 degree, respectively.

9. The method for producing the pile fabric according to Claim 8, wherein two or more kinds of cut piles having mutually different cut pile heights, respectively, are contained in the cut pile portion, before the cut pile portion is partially removed by the chemical etching method, and the cut piles have mutually different brightness and / or mutually different hues, respectively.

10. The method for producing the pile fabric according to Claim 8, wherein a rotary screen having portions where the diameters of etching treating liquid-discharging holes are gradually increased is used, when the cut pile portion is partially removed by the chemical etching method.

11. The method for producing the pile fabric according to Claim 10, wherein two to five rotary screens are sequentially used to repeatedly apply the chemical etching treatments.